

### Heavy-duty anchors BZ3

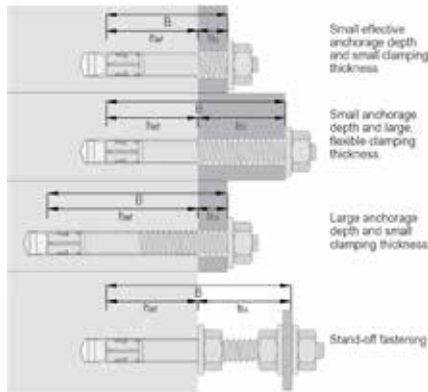
stainless steel

#### Application

- Heavy-duty anchor with highest approved tensile and shear loads and variable anchorage depths
- In many cases, with the same setting depth as before, the BZ3 allows higher loads, which can be further increased by deeper setting; this can save fixing points
- For anchorages of medium-weight to heavy loads in cracked and non-cracked concrete (concrete quality C20/25 - C50/60)
- Load range 3.4 kN - 39.7 kN
- Attachment of wall hanger brackets, support channels, base plates, constructions made of metal and wood, cable trays, railings, etc.
- Fastenings in earthquake areas

#### Your advantages

- Low minimum anchorage depths due to higher permissible loads
- Due to the high flexibility optimal adaptation to the installation situation for maximum efficiency




- Significant increase in performance under the influence of earthquakes
- Colored marking of the minimum anchoring depth
- European Technical Assessment ETA-19/0619 for use in cracked and non-cracked concrete (option 1), under seismic action of categories C1 and C2 and for use in fire (R30 - R120)
- Shock approval from the Federal Office for Civil Protection, Switzerland

#### Features



Type	Thread [mm]	Total length [mm]	Drilling diameter D [mm]	Standard anchorage depth		Minimum anchorage depth		Variable anchorage depth				Seismic <sup>1)</sup>	Material	Part no.	Sales unit	Pack unit
				Clamping thickness trix,std [mm]	Anchoring depth hef,std [mm]	Clamping thickness trix,max [mm]	Anchoring depth hef,min [mm]	Usable length B [mm]	Clamping thickness trix [mm]	Drilling depth h1 [mm]	Setting depth hnom [mm]					
BZ3 M8x95/0-40	M8 x 53	95	8	30	45	40	35	75	B - hef	hef + 10	hef + 8	C1/C2	V4A	180402	100	Pieces
BZ3 M8x115/5-60	M8 x 73	115		50		60		95						180403		
BZ3 M10x90/0-30	M10 x 45	90	10	10	60	30	40	70		hef + 11	hef + 9			180404	50	
BZ3 M10x110/0-50	M10 x 65	110		30		50		90						180405		
BZ3 M10x130/10-70	M10 x 85	130		50		70		110						180406		
BZ3 M12x110/0-35	M12 x 54	110	12	15	70	35	50	85		hef + 13	hef + 10			180407	25	
BZ3 M12x145/0-70	M12 x 89	145		50		70		120						180408		
BZ3 M12x180/30-105	M12 x 124	180		85		105		155						180409		
BZ3 M16x145/0-45	M16 x 69	145	16	25	85	45	65	110		hef + 17	hef + 14			180410	20	

<sup>1)</sup> Seismic C1 and C2 for anchoring depth hef ≥ 40 mm.

 For additional characteristic values of plugs for use in areas with requirements on the duration of fire resistance, please refer to the „Technical information“ chapter.